

WHAT IS CLAIMED IS:

Sub B^e

1. An electronic or electrical apparatus, comprising a component formed from a liquid crystalline polymer composition consisting essentially of:

- a) a thermotropic liquid crystalline polymer component which is an aromatic polyester, poly(ester-amide), poly(ester-imide), poly(ester-amide-imide), or mixtures thereof,
- b) at least one non-conductive filling agent component having a longest dimension of less than about 4 μm; and

wherein said electronic or electrical apparatus has a comparative tracking index (CTI) rating above 220 volts and a flammability rating of V-0 in test UL-94 at a .0625" thickness, and said apparatus also comprises an electrical conductor carrying a voltage of 200 volts or more.

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2. The electronic or electrical apparatus of claim 1, wherein said liquid crystalline polymer (LCP) composition further comprises at least one fluorescent optical brightener: having a boiling point of $T_{bp} > T_m - 60C$, where T_m is the melting point of the LCP; having one or more moieties derived from substituted anthracene, stilbene, triazine, thiazole, benzoxazole, coumarin, xanthene, triazole, oxazole, thiophene or pyrazoline; and in an amount of greater than 0.005 wt. % based on the total weight percents of a) and b).

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3. The electronic or electrical apparatus of claim 1, wherein said non-conductive filling agent is a chloride process rutile type titanium dioxide having a diameter of about 0.1 to 0.3 μm.

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4. The electronic or electrical apparatus of claim 1, wherein said non-conductive filling agent is a titanium dioxide pigment with 97% TiO₂ and with surface treated with alumina and an organic substance and having a diameter of about 0.1 to about 0.3 μm.

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5. The electronic or electrical apparatus of claim 1, wherein said thermotropic liquid crystalline polymer is a wholly aromatic polyester comprises repeating units derived from the

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group consisting of: i) hydroquinone; ii) 4,4'-dihydroxybiphenyl (4, 4'-biphenol); iii) isophthalic acid; iv) terephthalic acid; v) p-hydroxybenzoic acid; vi) 4,4'-dicarboxybiphenyl (4,4'bibenzoic acid); viii) 2,6-naphthalenedicarboxylic acid; iv) 6-hydroxy-2-naphthoic acid, or combinations thereof.

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6. The electronic or electrical apparatus of claim 1, wherein said voltage is about 250 volts or more.

7. The apparatus as recited in claim 1 which is rated to carry 200 volts or more.

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8. The apparatus as recited in claim 1 which is rated to carry about 250 volts or more.

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